

# SAFETY DATA SHEET

## TradeBound

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name TradeBound  
Product number TradeBound Part B

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Hardener.

#### 1.3. Details of the supplier of the safety data sheet

Supplier RESINDRIVES.CO.UK LTD  
UNIT 1 SOUTH BRADFORD TRADING EST  
LOW MOOR  
BRADFORD  
BD12 0NQ  
UK  
+44 (0) 1274 699233  
+44 (0) 1274699233  
OFFICE@RESINDRIVES.CO.UK  
24 HOUR EMERGENCY NUMBER: 01274 699233

#### 1.4. Emergency telephone number

Emergency telephone +44 (0)1274 699233

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

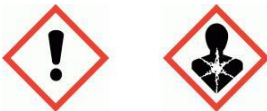
##### Classification

Physical hazards Not Classified  
Health hazards Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1  
- H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373  
Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn;R20,R48/20. Carc. Cat. 3;R40. R42/43. Xi;R36/37/38.

#### 2.2. Label elements

##### Pictogram



Signal word Danger

## TradeBound

<b>Hazard statements</b>	<p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H351 Suspected of causing cancer.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p>
<b>Precautionary statements</b>	<p>P260 Do not breathe vapour/spray.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P284 [In case of inadequate ventilation] wear respiratory protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/attention.</p>
<b>Contains</b>	<p>Homopolymer of methylenediphenyl diisocyanate, Isocyanic Acid, polymethylenepolyphenylene ester, DIPHENYLMETHANE -4, 4'- DI-ISOCYANATE</p>

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Homopolymer of methylenediphenyl diisocyanate</b>	<b>30-60%</b>
CAS number: 25686-28-6	EC number: 500-040-3
	REACH registration number: 01-2119457013-49-0000
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 Acute Tox. 4 - H332 STOT SE 3 - H335 STOT RE 2 - H373 STOT SE 3 - H335	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R20,R48/20. Carc. Cat. 3;R40. Xi;R36/37/38. R42/43.

## TradeBound

<b>Isocyanic Acid, polymethylenepolyphenylene ester</b>		<b>30-60%</b>
CAS number: 9016-87-9		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Skin Irrit. 2 - H315	Xn;R20,R48/20. Carc. Cat. 3;R40. Xi;R36/37/38. R42/43.	
Eye Irrit. 2 - H319		
Resp. Sens. 1 - H334		
Skin Sens. 1 - H317		
Carc. 2 - H351		
Acute Tox. 4 - H332		
STOT SE 3 - H335		
STOT RE 2 - H373		
STOT SE 3 - H335		

<b>DIPHENYLMETHANE -4, 4'- DI-ISOCYANATE</b>		<b>10-30%</b>
CAS number: 101-68-8	EC number: 202-966-0	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Skin Irrit. 2 - H315	Carc. Cat. 3;R40 Xn;R20,R48/20 Xi;R36/37/38 R42/43	
Eye Irrit. 2 - H319		
Resp. Sens. 1 - H334		
Skin Sens. 1 - H317		
Carc. 2 - H351		
Acute Tox. 4 - H332		
STOT SE 3 - H335		
STOT RE 2 - H373		
STOT SE 3 - H335		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>General information</b>	Avoid any actions which may cause undue risk. Only trained personnel should use this material.
<b>Inhalation</b>	Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Treatment is symptomatic for primary irritation or bronchospasm. If breathing is laboured, oxygen should be administered by qualified personnel. Get medical attention immediately.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If swallowed, rinse mouth with water (only if the person is conscious). Get medical attention if any discomfort continues. Do not induce vomiting unless directed to do so by medical personnel.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Important! Immediately rinse with water for at least 15 minutes. Get medical attention immediately.

##### 4.2. Most important symptoms and effects, both acute and delayed

## TradeBound

<b>Inhalation</b>	May irritate eyes. Irritation of nose, throat and airway. Dryness of mouth and throat. Coughing. Difficulty in breathing. Asthma. This product is a respiratory irritant and potential respiratory sensitiser: repeated inhalation of vapour or aerosol at levels above the OEL could cause respiratory sensitisation. The onset of the respiratory symptoms may be delayed for several hours after exposure. A hyper-reactive response to even minimal concentrations of MDI may develop in sensitised persons.
<b>Ingestion</b>	Low oral toxicity. Ingestion may cause irritation of the gastrointestinal tract.
<b>Skin contact</b>	Irritating to skin. May cause sensitisation by skin contact. Animal studies have shown that respiratory sensitisation can be induced by skin contact with known respiratory sensitisers including diisocyanates. Wear protective clothing as described in Section 8 of this safety data sheet. For personal protection, see Section 8. Prolonged skin contact may cause redness and irritation. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
<b>Eye contact</b>	Irritating to eyes. Prolonged contact may cause redness and/or tearing.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically. Following severe exposure the patient should be kept under medical review for at least 48 hours.
-----------------------------	---

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

**Suitable extinguishing media** Foam, carbon dioxide or dry powder.

**Unsuitable extinguishing** Do not use water, if avoidable. Avoid discharge into drains or watercourses or onto the **media** ground. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Reaction between water and hot isocyanate may be vigorous.

### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	None.
<b>Hazardous combustion products</b>	Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Oxides of: Nitrogen.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Evacuate all unnecessary personnel.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Wear self-contained breathing apparatus with full facepiece. PVC boots, gloves, safety helmet and protective clothing should be worn. Closed containers can burst violently when heated, due to excess pressure build-up.

## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	CAUTION! First aid personnel must be aware of own risk during rescue! Do not touch or walk into spilled material. Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. Avoid breathing vapours. Wear protective clothing. Evacuate area.
-----------------------------	---

### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid the spillage or runoff entering drains, sewers or watercourses.
----------------------------------	---

## TradeBound

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Small Spillages: Stop leak if possible without any risk. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Do not absorb in sawdust or other combustible materials. Shovel into open top drums for further decontamination. Flush contaminated area with plenty of water. Test the atmosphere for MDI vapour. Remove and dispose of residues.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** For personal protection, see Section 8. Avoid contact with skin and eyes. Avoid contact with clothing. Harmful if swallowed. Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. Store in tightly-closed, original container. Do not eat, drink or smoke when using the product. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Personnel with a history of asthma-type conditions, bronchitis or skin sensitisation conditions should not work with MDI based products. Do not handle until all safety precautions have been read and understood. Avoid breathing vapours.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs. Keep containers upright. Use appropriate containment to avoid environmental contamination. Protect against direct sunlight. Keep away from heat, sparks and open flame. Store locked up.

### 7.3. Specific end use(s)

**Specific end use(s)** Not available.

**Usage description** Not available.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### **Homopolymer of methylenediphenyl diisocyanate**

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 0.07 mg/m<sup>3</sup>

Sen  
as NCO

##### **Isocyanic Acid, polymethylenepolyphenylene ester**

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 0.07 mg/m<sup>3</sup>

Skin sensitiser.  
as NCO

##### **DIPHENYLMETHANE -4, 4'- DI-ISOCYANATE**

Long-term exposure limit (8-hour TWA): WEL 0,01 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 0,07 mg/m<sup>3</sup>

as NCO  
Sen

## TradeBound

WEL = Workplace Exposure Limit

Sen = Capable of causing occupational asthma.

**Ingredient comments** WEL = Workplace Exposure Limits EH40/2005 Workplace exposure limits. Medical supervision of all employees who come into contact with respiratory sensitisers is recommended. Personnel with a history of asthma-type conditions, bronchitis or skin sensitisation conditions should not work with MDI based products. The OELs listed do not apply to previously sensitised individuals. Sensitised individuals should be removed from any further exposure.

**Biological limit values** Predicted Effect Levels: No PECs available, Predicted Effect Levels: No PECs available, Predicted Effect Levels: No PECs available Derived Effect Levels: No DELs available Derived Effect Levels: No DELs available Derived Effect Levels: No DELs available

### Homopolymer of methylenediphenyl diisocyanate (CAS: 25686-28-6)

**Ingredient comments** EH40/2005 Workplace exposure limits. Medical supervision of all employees who come into contact with respiratory sensitisers is recommended. Personnel with a history of asthma-type conditions, bronchitis or skin sensitisation conditions should not work with MDI based products. The OELs listed do not apply to previously sensitised individuals. Sensitised individuals should be removed from any further exposure.

**Biological limit values** Predicted Effect Levels: No PECs available, Predicted Effect Levels: No PECs available, Predicted Effect Levels: No PECs available Derived Effect Levels: No DELs available Derived Effect Levels: No DELs available Derived Effect Levels: No DELs available

## 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

**Personal protection** Overalls.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

**Hand protection** Wear protective gloves made of the following material: Butyl rubber. Laminate of polyethylene and ethylene vinyl alcohol (PE/EVOH). Neoprene. Nitrile rubber. Polyvinyl chloride (PVC). Viton rubber (fluoro rubber). The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

**Hygiene measures** Wash hands after handling. Remove contaminated clothing. Eye wash facilities and emergency shower must be available when handling this product. Wash at the end of each work shift and before eating, smoking or using the toilet. Wash contaminated clothing before reuse.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

**Environmental exposure controls** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

**Appearance** Liquid.

**Colour** Brown.

## TradeBound

<b>Odour</b>	Musty (mouldy).
<b>Odour threshold</b>	Not available. Not available.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Evaporation factor</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Vapour density</b>	8.5
<b>Relative density</b>	1.22 g/cm <sup>3</sup> @ @ 25°C
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	: Reacts with water and octanol
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	80 - 140 mPa s @ 25°C
<b>Oxidising properties</b>	Not available.

### 9.2. Other information

**Other information** Not available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Reacts with water. Reactions with the following materials may generate heat: Hydrogen.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** Water Alcohols. Amines. Bases and acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Oxides of the following substances: Nitrogen. Hydrocarbons. Hydrogen cyanide (HCN).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## TradeBound

**Toxicological effects** Toxic Dose 1 - LD50 Isocyanic acid, polymethylenepolyphenylene ester - >10000 mg/kg (oral rat). Homopolymer of methylenediphenyl diisocyanate >5000 mg/kg Rat

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Homopolymer of methylenediphenyl diisocyanate: Acute Toxicity (Dermal LD50) >9400mg/kg Rabbit

### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l)** 0.49

**Notes (inhalation LC<sub>50</sub>)** Diphenylmethane-4,4'-Di-Isocyanate - Toxic Conc. - LC50 0.49 mg/L Inhalation dusts and mists mg/l/4h (inh-rat) Isocyanic Acid, polymethylenepolyphenylene ester - Toxic Conc. - LC50 310 mg/m<sup>3</sup>, Inhalation Dusts & mists, Rat - Male, Female - 4h Homopolymer of methylenediphenyl diisocyanate - Acute Toxicity (Inhalation LC50) 0.49 mg/l (dust/mist) Rat 4 hours

**ATE inhalation (dusts/mists mg/l)** 1.5

### Respiratory sensitisation

**Respiratory sensitisation** Rat: Isocyanic Acid, polymethylenepolyphenylene ester - Sensitising Diphenylmethane4,4'-Guinea Pig - Sensitising Homopolymer of methylenediphenyl diisocyanate - Guinea Pig - Sensitising

### Skin sensitisation

**Skin sensitisation** - Guinea pig: Not sensitising.

### Carcinogenicity

**Carcinogenicity** HOMOPOLYMER OF METHYLENEDIPHENYL DIISOCYANATE: OECD 453, 2 YEARS, 5 DAYS PER WEEK; POSITIVE INHALATION. , , Rat CARCINOGENICITY: Isocyanic Acid, polymethylenepolyphenylene ester- OECD453 COMBINED CHRONIC TOXICITY/CARCINOGENICITY STUDIES, 2 YEARS, 5 DAYS PER WEEK, NEGATIVE , Inhalation, Rat CARCINOGENICITY: Diphenylmethane4,4' - OECD 453 COMBINED TOXICITY/CARCINOGENICITY STUDIES, 2 YEARS; 5 DAYS PER WEEK, POSITIVE , Inhalation, Rat

**Target organ for carcinogenicity** Respiratory system, lungs

### Reproductive toxicity

**Reproductive toxicity - fertility** - NOAEL Diphenylmethane4,4' - OECD 414 PRENATAL DEVELOPMENTAL TOXICITY STUDY 12 mg/m<sup>3</sup> , , Rat Isocyanic Acid, polymethylenepolyphenylene ester - OECD 414 PRENATAL DEVELOPMENTAL TOXICITY STUDY 4mg/m<sup>3</sup> RAT Homopolymer of methylenediphenyl diisocyanate - NOAEL OECD 414 prenatal development toxicity study 12 mg/m<sup>3</sup> RAT

### Specific target organ toxicity - single exposure

**STOT - single exposure** CATEGORY 3 , Inhalation,

**Target organs** Respiratory system, lungs

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** CATEGORY 2 , Inhalation,

**Target organs** Respiratory system, lungs

### Aspiration hazard

**Aspiration hazard** Not available.



## TradeBound

<b>General information</b>	May cause damage to organs if inhaled. The product contains a sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.
<b>Inhalation</b>	Irritation of nose, throat and airway. Difficulty in breathing. Dryness of mouth and throat. This product is a respiratory irritant and potential respiratory sensitiser: repeated inhalation of vapour or aerosol at levels above the OEL could cause respiratory sensitisation. The onset of the respiratory symptoms may be delayed for several hours after exposure. A hyper-reactive response to even minimal concentrations of MDI may develop in sensitised persons.
<b>Ingestion</b>	Low oral toxicity. Ingestion may cause irritation of the gastrointestinal tract.
<b>Skin contact</b>	Irritating to skin. May cause sensitisation by skin contact. Animal studies have shown that respiratory sensitisation can be induced by skin contact with known respiratory sensitisers including diisocyanates. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective clothing as described in Section 8 of this safety data sheet.
<b>Eye contact</b>	Irritating to eyes.
<b>Acute and chronic health hazards</b>	CHRONIC EFFECTS: Isocyanic Acid, polymermethylenepolyphenylene ester - OECD453 COMBINED CHRONIC TOXICITY/CARCINOGENICITY STUDIES - NOEC DUST AND MISTS - 0.2mg/m3
<b>Route of entry</b>	Not available.

### SECTION 12: Ecological Information

#### 12.1. Toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: >1000 mg/l mg/l, Fish
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: EC50 >1000 mg/l 24 hours mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	IC <sub>50</sub> , 72 hours: EC50, 72 HOURS STATIC, ALGAE, >1640 MG/l mg/l, Algae
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 21 days, 21 days: 10 mg/l, Daphnia magna

#### 12.2. Persistence and degradability

<b>Biodegradation</b>	The product is not readily biodegradable.
-----------------------	---

#### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential</b>	The product contains potentially bioaccumulating substances.
----------------------------------	--

<b>Partition coefficient</b>	: Reacts with water and octanol
------------------------------	---------------------------------

#### 12.4. Mobility in soil

<b>Mobility</b>	Immiscible with water, but will react with water to produce inert and non-biodegradable solids. Unlikely that significant environmental exposure in the air or water will arise, under normal use.
-----------------	--

#### 12.5. Results of PBT and vPvB assessment

<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.
---	---

#### 12.6. Other adverse effects

<b>Other adverse effects</b>	None known.
------------------------------	-------------

## TradeBound

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### **Disposal methods**

Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers may contain hazardous residues. Avoid the spillage or runoff entering drains, sewers or watercourses. Avoid or minimise generation of waste.

### SECTION 14: Transport information

##### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

##### **Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL  
73/78 and the IBC Code

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### **National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
Health and Safety at Work etc. Act 1974 (as amended).

##### **Authorisations (Title VII Regulation 1907/2006)**

Not applicable.

#### 15.2. Chemical safety assessment

Not known.

### SECTION 16: Other information

##### **Revision date**

02/04/2012

## TradeBound

### Risk phrases in full

R20 Harmful by inhalation.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R40 Limited evidence of a carcinogenic effect.  
R42/43 May cause sensitisation by inhalation and skin contact.  
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

### Hazard statements in full

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H351 Suspected of causing cancer.  
H351 Suspected of causing cancer by inhalation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.